

of Mines in 1938. Also published are maps showing the distribution of quicksilver, and oil and gas deposits in the state, and in preparation for publication are maps of the distribution of chromite, manganese, and tungsten. This work follows out a general program which has been carried on by the Division of Mines over a period of years.

One of the primary purposes of the Committee on Latent Natural Resources, Dr. Robert C. Miller, chairman of the Committee, has stated, is to serve as a clearing house of information, coöperating with other agencies and research institutions in accumulating all of the information available on natural resources of this and adjacent areas. A coördinate purpose is to encourage research on new sources of materials and on the availability of natural resources not now fully utilized. Attention is being devoted to food, raw materials essential to prosecution of the war, and the search for substitutes for products either cut off or diverted into other channels by reason of the war emergency. ◇

ARMY RATIONS ON EXHIBIT

TO THE exhibit on "Nutrition for Wartime Needs" described in the April NEWS LETTER has been added a case displaying the special "K Ration" developed by the United States Army for use under field conditions such that regular food cannot be supplied. Breakfast, dinner and supper are provided in separate pocket-sized, waterproof packets. The food is condensed and compressed to save space and weight, but is nevertheless palatable. Individual cooking facilities are provided by a tiny stove that carries enough fuel to burn seven minutes.

This exhibit is provided through the courtesy of the Quartermaster Corps of the United States Army. ◇

MEETING OF STUDENT MEMBERS

ON FRIDAY EVENING, May 8, Student Members of the Academy will meet in the Steinhart Aquarium. Following a brief business meeting at 8:00 o'clock, the group will be conducted on a tour of the Aquarium by the director, Dr. Robert C. Miller.

SECTION 562 PL. & R.

ACADEMY NEWS LETTER

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BLACK-NECKED STILT

from "Fun With Birds"

SCAIFE LECTURE ON MAY 6

(See inside page for announcement)

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May Announcement

THE REGULAR MAY MEETING of the California Academy of Sciences will be held in the Auditorium of the Pacific Gas and Electric Company, 245 Market Street, on Wednesday evening, May 6, 1942, at eight o'clock. The business meeting will be brief and will be followed by the first of the spring series of lectures on The Beauties of Nature, sponsored by the Walter B. Scaife Foundation. Dr. T. Eric Reynolds, as commentator, will present a colored motion picture entitled

FUN WITH BIRDS

Dr. Reynolds will explain how a boy's interest in bird study became a husband's hobby and ultimately a family's common interest. Mrs. Reynolds' development of photographic technique, combined with her husband's knowledge of natural history, has resulted in the recording in kodachrome of more than seventy different kinds of birds in their natural habitats.

The audience will experience close-up views of a great variety of bird life in various phases of activity. Scenes taken in a nesting colony of white pelicans, showing among other things the manner in which the young emerge from the egg, share interest with those depicting the care a mother hummingbird exhibits while tending her progeny. Those of us who have failed to realize the diversity of native bird life that may be attracted to our gardens will perhaps be amazed to see how many avian species may easily be encouraged to join the "family circle."

The public is cordially invited to attend the showing of the Reynolds' film.



APPLICATIONS FOR MEMBERSHIP

NOTICE is hereby given to all Corporate Members that the Council at its meeting, April 17, 1942, approved the applications of Dr. Laura Angst, Dr. George E. Ebright, and Mr. Elmo E. Swansee for MEMBERSHIP and Mr. Dick Angell, Miss Carol Bryant, and Mr. Jerry Kollmann for STUDENT MEMBERSHIP in the California Academy of Sciences. If no objection to the election of these applicants be received at the office of the Academy within two weeks after April 30, 1942, they will be considered elected.

STAFF MEMBERS IN THE ARMED FORCES

LOSSES occasion regret, but it is with pride that the Academy acknowledges the temporary loss of certain of its younger members to various branches of the Armed Forces of the United States.

On January 29, 1942, Mr. J. M. Rainey of the Steinhart Aquarium was recalled to active duty in the Army. At present he is serving as Corporal in the Military Police at Camp San Luis Obispo. On April 18 Dr. Edward S. Ross, Assistant Curator of the Department of Entomology, was assigned to active duty as a First Lieutenant in the Sanitary Corps of the United States Army, and on April 22 Mr. James Moffitt, Curator of Birds and Mammals, was commissioned as Lieutenant in the United States Navy and is expecting early assignment.



COMMITTEE ON LATENT NATURAL RESOURCES

TO THE list of persons announced in the March issue of the NEWS LETTER as serving on the Academy's Committee on Latent Natural Resources, two distinguished names have been added, those of Professor W. W. Robbins, Professor of Botany in the University of California College of Agriculture, and Professor J. S. Davis, Director of the Food Research Institute at Stanford University.

This Committee is at present, among other activities, studying the agar-agar and kelp resources of the Pacific Coast, and the occurrence of certain strategic minerals. The former of these undertakings is being carried on in coöperation with the Division of Marine Fisheries of the State Fish and Game Commission, while the latter is a coöperative project between the Academy and the Division of Mines.

Dr. Joseph S. Hollister, Research Associate in Geology in the California Academy of Sciences, has prepared several maps for the Committee from data made available by W. W. Bradley, State Mineralogist, and Dr. Olaf P. Jenkins, Chief Geologist of the Division of Mines. One of these maps shows the distribution of minerals essential to the steel industry, including known deposits of iron, limestone, molybdenum, vanadium, and titanium in the state, another shows the distribution of magnesite, and on a third map are shown the 800 localities at which copper has been found in California. The deposits of copper are designated as A, B, and C deposits, according to the amount of copper known to occur.

These maps are now in the offices of the Division of Mines in the Ferry Building, where they may be consulted by any interested person.

This work has been made possible by the large amount of data accumulated over a long period of years by the State Division of Mines. The present mapping is being done on a large base map prepared by Dr. Jenkins and published by the Division